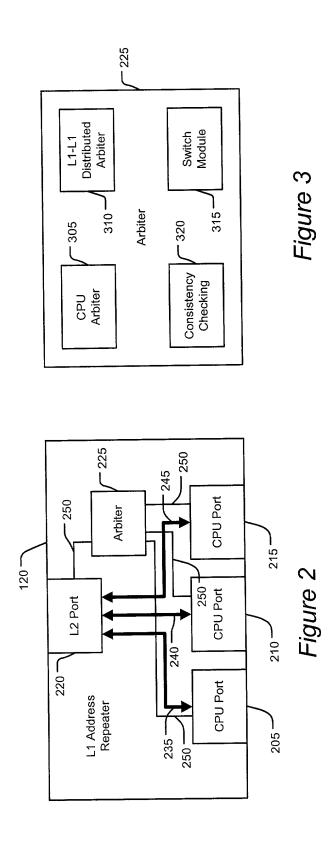
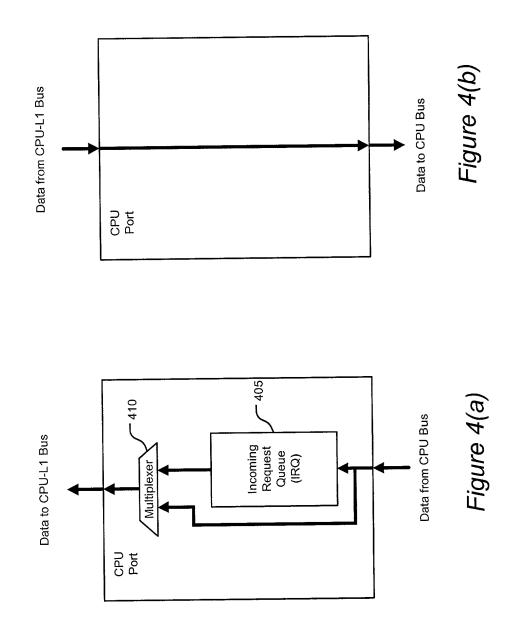
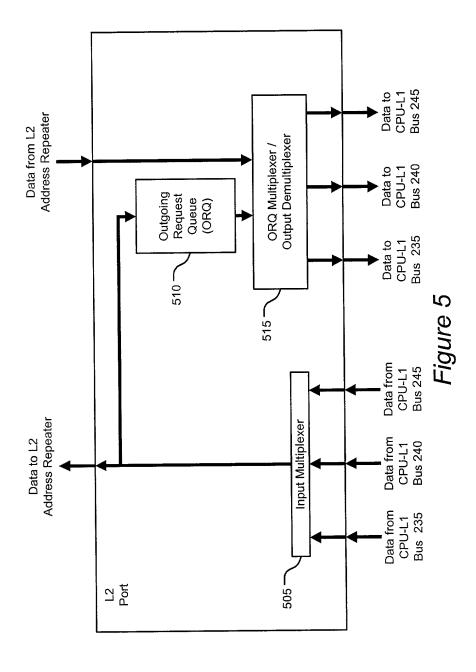
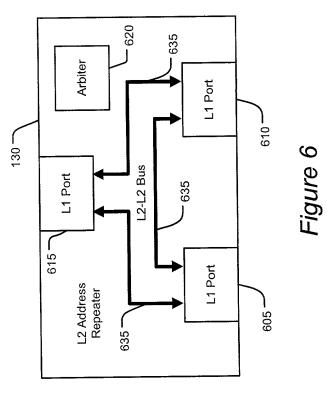


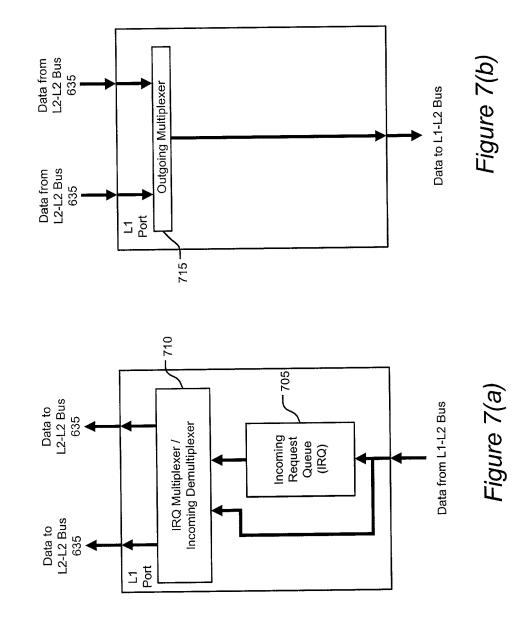
Figure 1











predetermined number of cycles of the transaction that originated from a third not received within the predetermined If the PRE-REQUEST-L2 signal was Determining if a PRE-REQUEST-L2 number of cycles of the first cycle, Predicting, in a first cycle, that a transmitted from a first address repeater to a second address signal was received within a address repeater should be then generating an error. Figure 8(c) first cycle. repeater. Determining if an INCOMING-L2 signal transaction that originated from a third was received within a predetermined If the INCOMING-L2 signal was not received within the predetermined number of cycles of the first cycle. number of cycles of the first cycle, Predicting, in a first cycle, that a transmitted from a first address repeater to a second address address repeater should be then generating an error. Figure 8(b) repeater. predetermined number of cycles of the transaction should be transmitted from If the TRAN-VALID-L2 signal was not a first address repeater to a second received within the predetermined number of cycles of the first cycle, Determining if a TRAN-VALID-L2 Predicting, in a first cycle, that a signal was received within a then generating an error. Figure 8(a) address repeater. first cycle.

the predetermined number of cycles of the first cycle, then generating an repeater to a second address repeater If the prediction was not made within transaction, which originated from a was made within a predetermined number of cycles of the first cycle. third address repeater, should be Determining if a prediction that a transmitted from a first address Receiving, in a first cycle a PRE-REQUEST-L2 signal. Figure 9(c) error. the predetermined number of cycles of repeater to a second address repeater If the prediction was not made within transaction, which originated from a was made within a predetermined the first cycle, then generating an number of cycles of the first cycle. third address repeater, should be Determining if a prediction that a transmitted from a first address Receiving, in a first cycle, an Figure 9(b) INCOMING-L2 signal. the predetermined number of cycles of predetermined number of cycles of the transaction should be transmitted from If the prediction was not made within address repeater was made within a a first address repeater to a second the first cycle, then generating an Receiving, in a first cycle, a TRAN-Determining if a prediction that a Figure 9(a) VALID-L2 signal. first cycle. error.